P.G Economics Syllabus
(2018-20)

Department of Studies in Economics
(hodeconksuwub@gmail.com)

Akkamahadevi Women’s University
Vijayapura – 586 105

(With effect from 2018-19 onwards)
Structure of the P.G. Course IN ECONOMICS
I to IV Semesters
CBCS & CAGP Scheme (70+30)
(WITH EFFECT from 2018-19 ONWARDS)

**First semester**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Paper No.</th>
<th>Title</th>
<th>No. of Modules</th>
<th>Marks</th>
<th>Credits</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EC-H-1.1</td>
<td>Micro Economic Analysis- I</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Core Paper</td>
</tr>
<tr>
<td>2</td>
<td>EC-H-1.2</td>
<td>Macro Economic Analysis- I</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Core Paper</td>
</tr>
<tr>
<td>3</td>
<td>EC-H-1.3</td>
<td>Indian Economic Policy</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Core Paper</td>
</tr>
<tr>
<td>4</td>
<td>EC-S-1.4</td>
<td>Economics of Human Development</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Soft Core Paper</td>
</tr>
<tr>
<td>5</td>
<td>EC-S-1.5</td>
<td>Industrial Economics</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Soft Core Paper</td>
</tr>
<tr>
<td>6</td>
<td>EC-S-1.6</td>
<td>Agricultural Economics</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Soft Core Paper</td>
</tr>
</tbody>
</table>

**SECOND SEMESTER**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Paper No.</th>
<th>Title</th>
<th>No. of Modules</th>
<th>Marks</th>
<th>Credits</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EC-H-2.1</td>
<td>Micro Economic Analysis-II</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Core Paper</td>
</tr>
<tr>
<td>2</td>
<td>EC-H-2.2</td>
<td>Macro Economic Analysis-II</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Core Paper</td>
</tr>
<tr>
<td>3</td>
<td>EC-H-2.3</td>
<td>Mathematics for Economics</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Core Paper</td>
</tr>
<tr>
<td>4</td>
<td>EC-S-2.4</td>
<td>Economics of Gender and Development</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Soft Core Paper</td>
</tr>
<tr>
<td>5</td>
<td>EC-S-2.5</td>
<td>Rural Development</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Soft Core Paper</td>
</tr>
<tr>
<td>6</td>
<td>EC-S-2.6</td>
<td>Karnataka Economy</td>
<td>5</td>
<td>70+30</td>
<td>4</td>
<td>Soft Core Paper</td>
</tr>
</tbody>
</table>

**THIRD SEMESTER**
### Sl. No. | Paper No. | Title | No. of Modules | Marks | Credits | Remarks
--- | --- | --- | --- | --- | --- | ---
1 | EC-H-3.1 | Public Economics- I | 5 | 70+30 | 4 | Core Paper
2 | EC-H-3.2 | Development Economics -I | 5 | 70+30 | 4 | Core Paper
3 | EC-H-3.3 | International Trade and Policy | 5 | 70+30 | 4 | Core Paper
4 | EC-S-3.4 | Research Methodology And Data Analysis | 5 | 70+30 | 4 | Soft Core Paper
5 | EC-S-3.5 | Environmental Economics | 5 | 70+30 | 4 | Soft Core Paper
5 | EC-S-3.6 | Indian Financial System | 5 | 70+30 | 4 | Soft Core Paper
6 | EC-O-3.7 | Human Resource Management | 5 | 70+30 | 4 | Open Elective

### FOURTH SEMESTER

| Sl. No. | Paper No. | Title | No. of Modules | Marks | Credits | Remarks
--- | --- | --- | --- | --- | --- | ---
1 | EC-H-4.1 | Public Economics- II | 5 | 70+30 | 4 | Core Paper
2 | EC-H-4.2 | Development Economics-II | 5 | 70+30 | 4 | Core Paper
3 | EC-H-4.3 | International Finance | 5 | 70+30 | 4 | Core Paper
4 | EC-S-4.4 | Dissertation | 5 | 70+30 | 4 | Core Paper
5 | EC-S-4.5 | Economics Of Infrastructure | 5 | 70+30 | 4 | Core Paper
6 | EC-S-4.6 | Economics Of Insurance | 5 | 70+30 | 4 | Specialization
7 | EC-O-4.7 | Human Resource Management | 5 | 70+30 | 4 | Open Elective
M.A. ECONOMICS
CHOICE BASED CREDIT SYSTEM
SEMESTER-WISE SYLLABUS
FIRST SEMESTER
EC-H-1.1: MICRO-ECONOMIC ANALYSIS– I

OBJECTIVES:
1. To understand economic behavior of individuals, firms and markets.
2. To analyze various aspects of demand theory, theory of production and costs, price and output determination and alternative theories of firms.

MODULE - I: INTRODUCTION AND BASIC CONCEPTS
Basic Economic Problems; Scarcity and Choice; Economic Models; Characteristics of Equilibrium and Disequilibrium Systems.

MODULE - II: DEMAND ANALYSIS
Utility Analysis – Cardinal Utility Theory of Demand; Ordinal Utility Theory of Demand; Indifference Curves and Their Applications; Revealed Preference Theory; Revision of Demand Theory by Hicks; Lancaster’s Approach to Demand Theory; Consumer’s Choice Involving Risk or Uncertainty; Neumann-Morgenstern Method Measuring Utility; Recent Developments in Demand Analysis – Elasticity of Demand (Price, Cross, Income) and Supply.

MODULE - III: THEORY OF PRODUCTION AND COSTS
Production Function; Short-run and Long-run; Law of Variable Proportions; Isoquants; Least Cost Combination of Inputs; Returns to Scale; Technical Progress and Production Function and Their Properties; Equilibrium of a Single and Multi-Product Firm; Cobb-Douglas, Traditional and Modern Theories of Costs – Empirical Evidence, Derivation of Cost Functions from Production Functions.

MODULE - IV: PRICE AND OUTPUT DETERMINATION
Marginal analysis as an Approach to Price and Output Determination; Perfect Competition; Short and Long-run Equilibrium of the Firm and Industry; Supply Curve; Monopoly; Short and Long-run Equilibrium; Price Discrimination; Monopoly Control; Monopolistic and Imperfect competition; Oligopoly; Non-Collusive (Cournot, Bertrand, Edgeworth, Chamberlin, Kinked Demand Curve and Stackelberg’s Solution) and Collusive Oligopoly (Cartels and Mergers, Price Leadership and Basing Point Price System) Models.

MODULE - V: ALTERNATIVE THEORIES OF THE FIRM
Critical Evaluation of Marginal Analysis; Baumol’s Sales Revenue Maximization Model; Williamson’s Model of Managerial Discretion; Marris’ Model of Managerial Enterprise; Full-Cost Pricing Rule; Bain’s Limit Pricing Theory and Recent Developments including Sylos-Labini’s Model; Behavioral Theories of the Firm – Simon’s Satisfying Theory; Cyert and March Model; Game Theory.

SUGGESTED READINGS:
EC-H-1.2: MACRO-ECONOMIC ANALYSIS – I

OBJECTIVES:
1. Analyze and establish functional relation between large aggregates.
2. To provide an in-depth analysis of national income accounts, classical macroeconomics, the Keynesian economics and different types of consumption and investment functions.

MODULE -I: NATIONAL INCOME AND ACCOUNTS
Concepts of National Income; Measurement Difficulties; Circular Flow of Income in Two, Three and Four Sector Economy; Different Forms of National Income Accounting- Social Accounting; Input-Output Accounting; flow of Funds accounting and Balance of Payments Accounting; Importance of National Income Analysis.

MODULE-II: THE CLASSICAL MACRO ECONOMICS
Basic Assumptions of the Classical School; Say’s Law of Markets; Classical Full Employment Equilibrium; Savings, Investment and Rate of Interest; Wage-Price Flexibility as a Remedy for Unemployment; Policy Implications of the Classical Equilibrium Model; A Critique of the Classical Analysis of Output, Employment and Income.

MODULE –III: THE KEYNESIAN SYSTEM
Concept of Underemployment Equilibrium; Role of Aggregate Demand and Aggregate Supply Functions; Principle of Effective Demand.

MODULE –IV: CONSUMPTION FUNCTION
Keynes’ Psychological Law of Consumption; Implications of the Law; Short-run and Long-run Consumption Function; Determinants; Empirical Evidence on Consumption; Post-Keynesian Theories of Consumption Function- Absolute Income, Relative Income, Life Cycle and Permanent Income Hypotheses.

MODULE–V: INVESTMENT FUNCTION
Investment Function- Determinants; Marginal Efficiency of Capital; Rate of Interest; Lags in Investment; the Keynesian Model with the Inclusion of Government and Foreign Trade; Theory of Multiplier; Importance; Leakages; Multiplier in UDCs; Accelerator and Investment Behavior; Influence of Policy Measures on Investment; Empirical Evidence.

SUGGESTED READINGS:
EC-H-1.3: INDIAN ECONOMIC POLICY

OBJECTIVES:

1. To acquaint the students with the basic features of Indian economy with regard to population, poverty, inequality, infrastructure and regional imbalances.
2. To study changes in core sectors along with recent policy developments.

MODULE - I: STRUCTURE OF THE INDIAN ECONOMY

Historical Perspective; Colonialism and Underdevelopment with reference to Drain Theory and Laissez faire Policy; Mixed Economy; Structure and Growth of National Income; Changing Features of Indian Economy; Demographic Trends in India; Changing Role of Government and Market; Natural Resources.

MODULE - II: PLANNING, ECONOMIC DEVELOPMENT AND INFRASTRUCTURE

Planning Process in India - Origin, Types : National Planning Committee; Bombay Plan; People’s Plan; Gandhian Plan, Five Year Plans - Objectives, Strategies, Investment Pattern, Financing, Targets, Achievements and Failures; Reforms in Planning Process – NITI Aayoga, Approaches to Economic Development and its Measurement- Sustainable Development; Role of State, Market and Other Institutions; Indicators of Development- HDI, PQLI, GDI; Poverty-Alleviation Programs in India, Rural - Urban Migration, Unemployment - Types, Challenges, Nature, Magnitude, a Critical Review of Employment Generation Programs; Importance of Infrastructure - Economic and Social Infrastructure in India; Environmental Degradation- Causes, Consequences, Policies in India.

MODULE - III: PUBLIC FINANCE

Public Finance - Indian Tax Structure, Tax Reforms (GST); Public Expenditure in India- Issues and Trends; Public Debt - Debt Obligations of Central and State Governments; Fiscal Policy- Objectives, Imbalance and Deficit Finance, Fiscal Responsibilities in India, Federal Finance in India, Demonetization and its implications for India.

MODULE - IV: AGRICULTURE AND INDUSTRIAL SECTOR

Role of Agriculture - Land Reforms; Agricultural Production and Productivity; Technical Change in Agriculture; Green Revolution; Agriculture Finance and Marketing; Price Policies; Subsidies and Food Security in India; Globalization and Indian Agriculture; Industrial Sector- Development during the Planning Period; Industrial Policies; Industrial Reforms; Industrial Licensing Policy- MRTP Act; Small Scale Industries - Growth and Problems; Role of Public and Private Sector Enterprises in India; Service Sector in India.

MODULE - V: FINANCIAL SECTOR AND EXTERNAL SECTOR

Commercial Banking System - Money and Capital Markets; NBFI’s; Price Trends in India; Monetary Policy of RBI; Banking Sector Reforms; SEBI in India; Financial Sector Reforms in India; Foreign Trade - BOP; Foreign Trade Policies; Issues in Export and Import Policy; Trade Reforms; WTO and India; Exchange Rate Policy; FERA; FEMA; Foreign Capital and MNCs in India, BRICS.
SUGGESTED READINGS:

E.C.-S-1.4: ECONOMICS OF HUMAN DEVELOPMENT

OBJECTIVES:
1. To study global perspective of viewing development as expansion of people’s capabilities, capacities and choices.
2. To study the implications of human development at national and international levels.
3. To make the students aware of the gender dimensions of human development and to understand the progress of human development in India.

MODULE- I: CONCEPTS OF HUMAN Development
Meaning and Definition of Development; Growth with Equity and Social Justice; Human Development – Concept, Measurement and Indicators of Human Development (PQLI, HDI, HPI, GDI, HRI, SCI and GEM); Millennium Development Goals.

MODULE- II: Economics of Education and Health
Education and Economic Development; Demand for Education–Private Demand and Social Demand; Determinants of Demand; Cost and Benefits of Education - Expenditure on Education: Magnitude, Trends and Impact; Financing of Education; Education Policy in India. Concept, Determinants and Indicators of Health; Demand and Supply of Healthcare; Financing of Healthcare; Expenditure on Health-Health Status in India-Health Policy in India.

MODULE-III: gender issues in human development
Demographic Profile – Composition and Age-structure; Reproductive Health: Concept, Measurement and Management - Concept and Contribution of Women’s Work - Gender Dimensions of Employment and Unemployment - Feminization of Aging and Poverty.

MODULE-IV: Factors Affecting Human Development
Empowerment, Equalities, Gender Equity, Sustainability, Security, Productivity And Participation; Environment; Displacement; Workers And Informal Sector; Role of Freedom in Promoting Human Development; Impacts Of Globalization; Human Security and Conflict.

MODULE-V: Policies and strategies for Human Development
Multi-Dimensionality of Poverty and Strategies for Poverty Alleviation; Concept of Inclusive Growth; Role of Civil Society; NGOs and People’s Organizations; Obstacles to Inclusive Growth; Policies for Disempowered Groups. Trends and Regional Patterns of HDI, Social Security Measures – Concept, Different Levels and Schemes; Analysis of ‘Safety Net’Programmes in India; Review of Present Status of Human Development Index of India.

SUGGESTED READINGS:
EC-S-1.5 : INDUSTRIAL ECONOMICS

Objectives:
1) To understand a detailed treatment of issues in industrial economics.
2) To familiarize students with policy issues that is relevant to Indian industry.
3) To analyze the issues by using basic micro-economic concepts.

MODULE-I: FRAMEWORK AND PROBLEMS OF INDUSTRIAL ECONOMICS
Meaning, Nature, Scope; industrialization and economic development; Concepts and Organization of Firm; Market Structure; Entry Conditions; Economies of Scale; Market Structure and Profitability; Theories of Industrial Location; Weber and Sargent Florence; Factors Affecting Location. Optimum firm: determinants

MODULE-II: MARKET CONDUCT AND PERFORMANCE
Product Pricing; Marginal Costing; Administered Pricing; Theories and Evidence; Investment; Expenditure ; theories and empirical Evidence on Mergers and Acquisition; Diversification, Size and Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth, Productivity, Efficiency and Capacity Utilization; Concept and Measurement.

MODULE-III: INDIAN INDUSTRIAL GROWTH AND PATTERN
Classification of Industries; Industrial Policy in India; role of Public and Private Sector; Recent Trends; Multinational Corporations and Transfer of Technology. Liberalization and Privatization, Regional Industrial Growth in India; Industrial Concentration and Remedial Measures; Issues in Industrial Pollution and Environmental Preservation, Pollution Control Policies; Industrial Sickness.

MODULE-IV: INDUSTRIAL FINANCE AND CURRENT PROBLEMS OF MAJOR INDUSTRIES
Need and Types of Industrial Finance - IDBI, IFCI, ICICI, SFCs, SIDBI, and Commercial Banks. Iron and Steel, Cotton Textiles, Jute Textiles, Sugar, Coal Cement and Engineering Goods Industries; Development of Small Scale and Cottage Industries in India.

MODULE-V: WAGE DETERMINATION AND SOCIAL SECURITY
Nature and Characteristics of Labour Market; Neo-Classical and Bargaining Theories of Wage Determination; Concepts of Minimum Wage, Living Wage and Fair Wage in Theory and Practice; Productivity and Wage Policy; Wage Boards in India; Bonus System and Profit Sharing; State and Social Security of Labour; Concepts of Social Security and its Evaluation; Labour Welfare in India; Child Labour; Female Labour and Gender Bias in Payment of Wages; Exit Policy; National Commission on Labour; Globalization and Labour Market. Labour Unions in India.

SUGGESTED READINGS:
EC-S-1.6: AGRICULTURAL ECONOMICS

OBJECTIVES:
1) A detailed treatment of issues in agricultural economics
2) To familiarize students with policy issues those are relevant to Indian agricultural
3) To analyze the issues, using basic micro-economic concepts.

MODULE-I: AGRICULTURE AND ECONOMIC DEVELOPMENT
Nature And Scope Of Agricultural And Rural Economics; Traditional Agriculture and Its Modernization; Role Of Agriculture in Economic Development; Interdependence Between Agriculture and Industry - Some Empirical Evidence; Models Of Interaction Between Agriculture and the Rest Of the Economy; Agricultural Development, Poverty and Environment.

MODULE-II: AGRICULTURAL PRODUCTION AND PRODUCTIVITY
Agricultural Production - Resource Use And Efficiency; Production Function Analyses in Agriculture; Factor Combination And Resource Substitution; Cost And Supply Curves; Size Of Farm And Laws Of Returns; Theoretical And Empirical Findings; Supply Response Of Individual Crops And Aggregate Supply; Resource Use Efficiency In Traditional Agriculture; Technical Change, Labour Absorption And Gender Issues In Agricultural Services.

MODULE-III: AGRICULTURAL MARKETING AND FARM MANAGEMENT
Concept; Structure; Importance; Defects Of Agricultural Markets In India; Functions Of Agricultural Marketing And Packaging In India; Transportation, Grading And Standardization, Storage And Warehousing, Role Of Government In Promoting Agricultural Marketing In India; Promotion Of Regulated Markets (APMCs) – Importance, Functions, Problems And Remedial Measures; Meaning, Importance, Tools And Principles Of Farm Management; Farm Accounting, Farm Budgeting And Cost Concepts.

MODULE-IV: LAND REFORMS AND PRICE POLICY
Principles Of Land Utilization; Land Distribution -Structure And Trends; Land Values And Rent; Land Tenures And Farming Systems - Peasant, Capitalist, Collective And State Farming; Tenancy And Crop Sharing-Forms, Incidence And Effects; Land Reform Measures And Performance; Women And Land Reforms; Problems Of Marginal And Small Farmers; Instability In Agricultural Prices – Causes, Effects And Fluctuations; Need For Stabilization In Agriculture Prices, Cob-Web Model; Agriculture Price Policy.

MODULE-V: AGRICULTURAL GROWTH IN INDIA
Recent Trends In Agricultural Growth In India; Inter-Regional Variations In Growth Of Output And Productivity; Cropping Pattern Shifts; Supply Of Inputs - Irrigation, Power, Seed And Fertilizers; Pricing Of Inputs And Role Of Subsidies; Distribution Of Gains From Technological Change; Role Of Public Investment And Capital Formation In Indian Agriculture; Strategy Of Agricultural Development And Technological Progress; Sustainable Agriculture-Indigenous Practices; Bio-Technological Practices And Growth Potential.

SUGGESTED READINGS
SEMESTER II
EC-H-2.1: MICRO-ECONOMICS – II

OBJECTIVES:

1) To assess theories of distribution with reference to rent, wages, interest and profit and social welfare function.
2) To compare partial and general equilibrium analysis, input-output analysis and to study consumer behavior under risk and uncertainty.

MODULE -I: DISTRIBUTION
Neo-classical Approach Marginal Productivity Theory; Product Exhaustion Theorem; Elasticity Of Technical Substitution; Technical Progress And Factor Shares; Theory Of Distribution In Imperfect Product And Factor Markets; Theories Of Rent – Ricardo, Modern Theory; Theories of Wages – Subsistence, Wage Fund, Residual Claimant and Modern Theory of Wages, Theories of Interest – Classical, Neo-Classical, Keynesian And Modern Theories Of Interest (IS-LM), Risk, Uncertainty and Innovation Theory Of Profit; Collective Bargaining and Trade Unions; Macro-Theories Of Distribution - Marx, Kalecki And Kaldor.

MODULE-II: WELFARE ECONOMICS
Pigovian Welfare Economics; Pareto Optimality Conditions; Value Judgment; Social Welfare Function; Compensation Principle; Imperfections – Market failure; Decreasing Costs; Uncertainty and Non-Existent and Incomplete Markets; Theory of Second Best; Arrow’s Impossibility Theorem; Rawl’s Theory of Justice, Equity-Efficiency Trade-off; Maximization of Social Welfare; Derivation of Grand Utility Frontier.

MODULE-III: GENERAL EQUILIBRIUM
Partial and General Equilibrium; Walrasian Excess Demand and Input-Output Approaches to General Equilibrium; Existence, Stability and Uniqueness of Equilibrium; Recent Approaches to Equilibrium.

MODULE-IV: ECONOMICS OF UNCERTAINTY
Individual Behavior Towards Risk; Expected Utility and Uncertainty; Equivalence Approaches; Risk and Risk Aversion; Cost and Risk; Risk Pooling and Risk Spreading; Optimal Consumption under Uncertainty; Competitive Firm Under Uncertainty; Factor Demand Under Price Uncertainty; Markets with Asymmetric Information.

MODULE-V: Economics of Information
Economics of Search – Different Models; Efficient Market Hypothesis; Search and Transaction Costs; Economics of Information.

SUGGESTED READINGS
EC-H-2.2: MACRO-ECONOMIC ANALYSIS – II

OBJECTIVES:

1. To explain fundamentals of demand and supply of money.
2. To provide comprehensive understanding of modern quantity theory of money, theories of inflation and policy implications.

MODULE-I: SUPPLY OF MONEY
Determinants of Money Supply Process; RBI Approach to Money Supply; High Powered Money and Money Multiplier; Budget Deficits and Money Supply; Money Supply and Open Economy; Control of Money Supply.

MODULE-II: DEMAND FOR MONEY
Classical Approach to Demand For Money - Quantity Theory Approach; Fisher’s Equation; Cambridge Quantity Theory; Keynes’s Liquidity Preference Approach; Aggregate Demand for Money.

MODULE-III: POST-KEYNESIAN DEVELOPMENTS IN MONETARY THEORY
Post-Keynesian Approaches to Demand for Money; Patinkin and the Real Balance Effect; Approaches of Baumol and Tobin; Friedman and the Modern Quantity Theory; Crisis in Keynesian Economics and the Revival of Monetarism; Classical, Neo-Classical and Keynes’s Views on Interest; the IS- LM Model; Extension of IS-LM with Government Sector; Relative Effectiveness of Monetary and Fiscal Policies; Extension of IS-LM Models with Labour Market and Flexible Prices.

MODULE-IV: FLUCTUATIONS IN MACRO ECONOMIC ACTIVITIES
Classical, Keynesian and Monetarist Approach to Inflation; Structuralist Theory of Inflation; Phillips’ Curve Analysis; Short-run and Long-run Phillips’ Curve; Samuelson and Solow; The Natural Rate of Unemployment Hypothesis; Tobin’s Modified Phillips’ Curve; Adaptive Expectations and Rational Expectations; Stagflation; Business Cycle Theories – Schumpeter, Kaldor, Samuelson and Hicks, Goodwin; Policies to Control Inflation and Business Cycles.

MODULE-V: MACRO ECONOMICS IN AN OPEN ECONOMY
Mundell-Fleming Model; Asset Markets; Expectations and Exchange Rates; Monetary Approach to Balance of Payments; New Classical Macro Economics; The New Classical Critique of Micro Foundations; Policy Implications of New Classical Approach; Empirical Evidence.

SUGGESTED READINGS

EC-H-2.3: MATHEMATICS FOR ECONOMICS

OBJECTIVES:

1. To train students in basic mathematical skills
2. To enable them to apply the mathematical techniques to economic problems

MODULE - I: INTRODUCTION

The Importance of Mathematical and Statistical Methods in Economic Analysis and its Limitations; Review of some Concepts; Algebraic Expressions, Equations, Exponents, Ratio, Proportion, Compound Interest Formula; Graphs of Lines and Non-Linear Equations; System of Simultaneous Equations; Market Equilibrium of Single and Multi-Commodity System; Effects of Specific Tax on Equilibrium Price and Quantity; Equilibrium Analysis of National Income and IS-LM Model.

MODULE - II: FUNCTIONS AND DIFFERENTIAL CALCULUS

Concept of Function- Types- Linear and Non-Linear- Exponential, Power, Logarithm- Applications to Economic Analysis- Market Equilibrium; Homogeneous and Homothetic functions; Cobb-Douglas and C.E.S Production Function; Limits, Continuity and Derivatives; Rules of Differentiation; Marginal Cost; Revenue; Utility; Elasticities and Types; Partial Differentiation and Applications; Problems of Maxima and Minima; Theory of Probability.

MODULE - III: MATRIX ALGEBRA

Matrix-Types of Matrices; Additions, Subtractions, Multiplications; Types of Determinants; Solutions to Simultaneous Equations through Cramer’s Rule; Inverse of Matrix; Rank of Matrix; Introduction to Input-Output Analysis.

MODULE - IV: OPTIMIZATION AND INTEGRAL CALCULUS

Unconstructed and Constructed Optimization; Applications to Simple Economic Problems: Profit Maximization, Utility Maximization, Least-Cost input combination, and etc. Some simple rules of Integration and Applications to economic analysis- Consumer Surplus, Producer Surplus.

MODULE - V: LINEAR PROGRAMMING

Linear Programming- Basic Concepts; Formulation of a Linear Programming Problem; Its Structure; Variables; Feasible; Basic and Optional Solutions; Graphical and Simple Method of Solving a Linear Programming Problem; Formulation of the Dual Linear Programming and its Interpretation.

READING LIST

EC-S-2.4: ECONOMICS OF GENDER AND DEVELOPMENT

OBJECTIVES:

1) To enable the Students to understand thoroughly the theories of Gender and Development.
2) To familiarize the students about the vital aspects of Gender and Development

MODULE-I: INTRODUCTION OF GENDER STUDIES

Importance and Concepts of Women Studies - Women in Patriarchal and Matriarchal Societies and Sprintsers, Patrilineal and Matrilineal Systems and Relevance to Present Day Society in India- Economic Basis and Functioning of Patriarchy in Developed and LDCs, Particularly India -Women in Decision Making.

MODULE-II: DEMOGRAPHIC ASPECTS OF FEMALE POPULATION IN INDIA

Demography of Female Population, Age Structure, Mortality Rates and Sex Ratio- Causes of Declining Sex Ratios and Fertility Rates in LDCs and Particularly India.

MODULE-III: CONCEPTUALIZATION OF WOMEN’S WORK

Concept and Analysis of Women’s Work; Valuation of Productive and Unproductive Work, Visible and Invisible Work, Paid and Unpaid Work; Economically Productive and Socially Production Work; Economic Status and Female Contribution to National Income.

MODULE-IV: WOMEN AND LABOUR MARKET

Factors Affecting Female Entry in Labour Market; Supply and Demand for Female Labour in Developed and Developing Countries; Particularly India, Studies of Female Work Participation in Organized and Unorganized Sectors in India.

MODULE-V: GENDER PLANNING AND DEVELOPMENT POLICIES

Gender and Development Indices; Mainstreaming Gender into Development Policies; Paradigm Shift from Women’s Well Being to Women’s Empowerment; Democratic Decentralization (Panchayats) and Women’s Empowerment in India.

SUGGESTED READINGS

EC-S-2.5 : RURAL DEVELOPMENT

OBJECTIVES:

1. To study the basics of rural development such as characteristics, problems, theories and programmes of rural development.
2. To enable the students to take active participation in main stream development process in rural areas with adequate information and skills development.

MODULE–I: NATURE OF RURAL DEVELOPMENT
Meaning and Objectives of Rural Development; Indicators of Rural Development; Characteristics of Rural Economy-Social, Political and Economic Characteristics; Sustainable Rural Development.

MODULE–II: THEORIES AND APPROACHES TO RURAL DEVELOPMENT

MODULE –III: RURAL POVERTY AND UNEMPLOYMENT
Rural Poverty and Unemployment - Concept and Measurement; Income and Non- income Indicators; Extent; Regional disparity; causes; Rural Unemployment- Concepts, Types and Extent; Regional Disparity; Causes; Review of Poverty Alleviation and Employment Generation Programmes in India.

MODULE–IV: DIVERSIFICATION, INDUSTRIALIZATION AND RURAL DEVELOPMENT
Farm and Non-Farm Interdependence; Diversification of Agriculture - Livestock and dairying; fishery; Forestry; Non-farm Employment in India; Trends, Size and Determinants. Rural Industrialization in India; Agriculture and Industry Linkages; Development and Problems of Small Scale and cottage Industries; Strategies for Rural Industrialization; Development of Rural Entrepreneurship.

MODULE –V: RURAL INFRASTRUCTURE
Meaning and Development of Rural Infrastructure; Problems of Accessibility and Utilization of Rural Infrastructure; PRIs and Rural Infrastructure.

SUGGESTED READINGS
EC-S-2.6 : KARNATAKA ECONOMY

OBJECTIVES:
1. To study the present socio-economic economic position of Karnataka Economy.
2. To identify the problems and the measures adopted by the Govt. of Karnataka to redress them.

Module-I: Development and Planning
Introduction, Characteristics, Growth of Karnataka Economy in Post Reform Period; Factors Affecting Economic Development; Regional Development, HDI of Karnataka; Comparative Study Of The Status Of Karnataka Economy; Objectives, Achievements and Failures of Planning in Karnataka; Decentralized Planning In Karnataka – Panchayat Raj Institutions (PRIs) – Financing and Implementation.

Module-II: Agriculture in Karnataka
Characteristics of Agriculture, Land Use Pattern – Trends in Area, Production and Yield Of Major Crops; Trends in Allied Activities; Problems Of Agriculture, Remedial Measures - Agriculture Development Since Independence, Agricultural Labors; Agricultural Price Policy of the State, Minor and Multipurpose Irrigation Projects in Karnataka and Their Progress Special Focus On Dry Land Farming.

Module-III: Industries in Karnataka
Industrial Growth in Karnataka; Emerging Trends, Large and Small Scale Industries; New Industrial Policy Of Karnataka; IT Policy; Biotechnology Policy, Industrial Labor, Problems and Prospects Of Industries in Karnataka.

Module - IV: Karnataka State Finances
Karnataka in the Federal System; Constitutional Provisions; Sources Of Revenue (Sharing of Central Taxes And Grant-In-Aid), Government Expenditure - Trends, Pattern and Development, Public Debt, Trends In Indebtedness; Finances Of Local Self Governments; Emerging Trends, Financial Institutions – Cooperatives, Commercial Banks, RRBs, KSFC and KSIIDC.

Module-V: Regional Disparities
Extent of Disparities; Causes and Consequences; Concept of Backward Area, Criteria and Identification of Backward Areas, Measures to reduce Imbalances with reference to Najundappa Committee Report – Objectives and Strategy of Planning, Targets and Achievements.

SUGGESTED READINGS
5. Plan Documents of Government of Karnataka, Planning Department, Govt. of Karnataka, Bangalore.
THIRD SEMESTER

EC-H-3.1: PUBLIC ECONOMICS – I

OBJECTIVES:
1. To highlight the changing role and economic functions of government.
2. To give rationale public policy and to introduce theories of public expenditure.

MODULE –I: GOVERNMENT IN A MARKET ECONOMY
Role of Government in Organized Society; Changing Perspective; Government in a Mixed Economy; Government as an Agent for Economic Planning and Development; Budget as a Tool for Operationalising the Planning Process; Allocation, Distribution and Stabilization Functions of Budgetary Policy.

MODULE- II: PUBLIC GOODS

MODULE III: PUBLIC CHOICE
Private and Public Mechanism for Allocating Resources; Problems for Allocating Resources; Problems of Preference Revelation and Aggregation of Preferences; Voting Systems; Arrow’s Impossibility Theorem; An Economic Theory of Democracy; Politico-Eco-Bureaucracy; Rent Seeking and Directly Unproductive Profit-seeking (DUP) Activities.

MODULE – IV: RATIONALE FOR PUBLIC POLICY

MODULE-V: PUBLIC EXPENDITURE

SUGGESTED READINGS
6. David Hymann- Public Economics.
EC-H-3.2: DEVELOPMENT ECONOMICS-I

OBJECTIVES:
1. To analyze various theories of growth and development.
2. To examine balanced and unbalanced growth strategies.

MODULE –I: Introduction to Development Economics

MODULE-II: Theoretical Foundation of Development Economics

MODULE-III: THEORIES OF DEVELOPMENT- I
Partial Theories of Growth and Development-Vicious Circle of Poverty, Circular Causation, Unlimited Supply of Labour; Lewis, Ranis and Fei Models; Balanced and Unbalanced Growth Strategies; Critical Minimum Effort Thesis; Dualism in LDCs. Factors Affecting Economic Growth; Capital Labour and Technology.

MODULE-IV: THEORIES OF DEVELOPMENT - II

MODULE-V: technology and development
Technological Progress – Embodied and Disembodied Technical Progress; Hicks, Harrod; Learning by Doing; Production function Approach to the Economic Growth; Total Factor Productivity and Growth Accounting; Optimal Savings and Ramsay’s Rule; Golden Rule of Accumulation; Two-Sector Model of Ujawa; Stability of Equilibrium.

SUGGESTED READINGS
EC-H-3.3: INTERNATIONAL TRADE AND POLICY

OBJECTIVES:
1. To provide a deep understanding of broad principles and theories of international trade.
2. To study various aspects of international trade policy and regional economic co-operation.

MODULE- I: CLASSICAL TRADE THEORY
Absolute and Comparative Advantage of Trade; Real and Opportunity Cost Approaches; Gains from International Trade; Reciprocal Demand and Offer Curves; Terms of Trade; Revealed Comparative Advantage.

MODULE- II: NEO-CLASSICAL TRADE THEORY
The Heckscher-Ohlin (H-O) Theory; Factor Price Equalization, Theorems and Generalizations; Leontief Paradox; Rybczynski Theorem; Trade and Growth.

MODULE- III: MODERN TRADE THEORY
Concept of Intra-Industry Trade, Imperfect Competition and Trade, Neo-Ohlin-Heckscher Models; Favely Model; Neo-Chamberlinian Models, Krugman Model, Oligopolistic Models; Brander-Krugman Model; Reciprocal Dumping Model; Ice-Berg Model; Gravity Equation; Empirical Work In Intra-Industry Trade; Balassa Index; Grubal –Lloyd Index. Acquino Index. Trade In Services.

MODULE- IV: TRADE POLICY
Instruments of Trade Policy; Tariffs and Welfare, Optimum Tariff, Tariffs and Real Rewards to Factors of Production; The Stopler-Samuelson Theorem; The Metzler’s Paradox, Theory of Custom Union, Quotas and Export Subsidies; Gains From Trade and Regional Agreements.

MODULE-V: REGIONAL ECONOMIC CO-OPERATION
Theory of Customs Union; Trade Creation and Trade Diversion Effects; SAARC, ECM, EFTA, NAFTA and LAFTA.

SUGGESTED READINGS
EC-S-3.4: RESEARCH METHODOLOGY AND DATA ANALYSIS

OBJECTIVES:
1) To impart adequate knowledge of research methodology and project designing
2) To develop original thinking and writing skills

MODULE-I: FOUNDATIONS OF RESEARCH
Scientific and Social Science Research-Nature; Objectives And Limitations; Types and Methods Of Research; Review Of Literature; Need For Reviewing Literature; Sources Of Literature; Research Design Identification and Conceptualization of a Research Problem; Objectives and Hypotheses.

MODULE-II: METHODS OF DATA COLLECTION AND SAMPLING
Meaning and Importance of Data; Methods Of Collecting Primary and Secondary Data; Sampling Techniques - Sample Size, Sampling Error and Problems in Sampling; Tools Of Data Collection - Schedules and Questionnaires; Nature Of Field Work; Pilot Study; Sampling Frame and Sample Selection.

MODULE-III: EDITING AND PROCESSING OF DATA
Preparation For Analysis, Editing, Coding, Classification & Transcription Of Data, Preliminaries For Computerized Data Processing, Tabulation, Construction Of Frequency Table, Graphs/Charts/Diagrams.

MODULE-IV: STATISTICAL ANALYSIS OF DATA

MODULE-V: REPORT WRITING
Types of Reports; Steps in Report Writing; Format of the Research Report; Principles of Writing; Documentation, Foot Notes and Bibliography.

SUGGESTED READINGS
EC-S-3.5: ENVIRONMENTAL ECONOMICS

OBJECTIVES
1. To recognize importance of environmental economics and to understand the basic concepts, theories and problems of environment.
2. To highlight the relation between economic growth and environment.

MODULE-1: BASIC CONCEPTS

MODULE-II: ENVIRONMENT AND POLLUTION
Environment and Pollution – Impact of Population Growth on Environment with reference to Output, Growth and Urbanization – Types of Pollution – Causes and Consequences of different Types of Pollution: Air Pollution – Water Pollution – Noise Pollution – Chemical Pollution and Degradation of Land and Habitable.

MODULE-III: THE THEORY OF EXTERNALITY AND PUBLIC GOODS

MODULE-IV: TECHNIQUES OF EVALUATION

MODULE-V: ENVIRONMENTAL POLICY AND ISSUES
Global Summits; Issues in International Trade and Environment; Climate Change; Extent and Impact; Adjustment and Mitigation; Global Environmental Facilities; Loss of Bio-diversity; Environmental Regulation System in India: Design, Monitoring and Enforcement; Environmental Protection Act, 1986 and its provisions.

READING LIST:
EC-S- 3.6: INDIAN FINANCIAL SYSTEM

OBJECTIVES:

1. To help students to analyze and understand the inter connection between the monetary and real forces.
2. To study the role of financial institutions in development process.

MODULE-I: NATURE AND ROLE OF FINANCIAL SYSTEM

Financial System and Economic Development; Importance of Institutions, Functions of Financial Markets and Segmentation; Money Market and Capital Market in India; Composition, Growth and Status.

MODULE-II: BANKING INSTITUTIONS

Introduction; Origin, Development and Status of Commercial Banking in India; Fund Management; Capital Adequacy Ratio; Non-Performing Assets; Priority Sector Advance; Profitability of Banks; Financial Sector Reforms in India; Reserve Bank of India; Monetary Policy; Instruments of Monetary Policy, International Financial Crisis and RBI.

MODULE-III: DEVELOPMENT BANKING

Nature of Development Banking; Development Financial Institutions – IDBI, NABARD, IFC, ICICI, UTI, SIDBI, SEBI, Recent Issues.

MODULE-IV: NON-BANKING FINANCE COMPANIES (NBFCS)

Definition of NBFCs; Size of Deposits; Distribution of Deposits; Assets of NBFCs; Investment Norms; Deployment of Funds; Hire Purchase and Leasing Companies; Mutual Funds; Control of NBFCs.

MODULE-V: FINANCIAL MARKET


SUGGESTED READINGS:

OPEN ELECTIVE PAPER (THIRD SEMESTER)

EC-O- 3.7: HUMAN RESOURCE MANAGEMENT (HRM)

OBJECTIVES:

1. To familiarize the students about basic concepts of HRM, Leadership and capacity building.
2. To enable the students to understand thoroughly the gender issues in leadership obstacles in Capacity building.

MODULE-I: HUMAN RESOURCE DEVELOPMENT AND PLANNING


MODULE-II: PERFORMANCE APPRAISAL

Performance Appraisal: Need and Significance – Creativity and its Role in Management – Setting Employees Performance, Objectives and Goals; Creating Organizational Conditions for Improving Employees Performance, Building Positive Attitude – Time Management and Stress Management.

MODULE-III: LEADERSHIP


MODULE-IV: CAPACITY BUILDING


MODULE-V: INSTITUTIONS AND TRAINING


SUGGESTED READINGS

SEMESTER IV
EC-H-4.1: PUBLIC ECONOMICS – II

OBJECTIVES:

1. To study various aspects of resource mobilization with reference to India.
2. To assess fiscal policy and fiscal federalism in the Indian context.

MODULE-I: TAXATION
Issues in Ideal tax System; Principles of Equity and Justice in Taxation; Benefit and Ability to Pay Approaches; Theory of Optimum Taxation; Theory of Incidence; Alternative Concepts of Incidence; Allocative and Equity Aspects of Individual Taxes; Excess Burden of Taxes and Dead Weight Losses; Trends and Structure of Tax Revenue in India; Tax Reforms in India - GST; Review of Earlier Committees and Evaluation of Kelkar and Raja Challaih Committees.

MODULE-II: PUBLIC DEBT
Classical View of Public Debt; Compensatory Aspects of Debt Policy; Burden of Public Debt; Sources of Public Debt; Debt Through Created Money; Public Borrowings and Price Level; Crowding Out of Private Investment and Activity; Principles of Debt Management and Repayment; Trends and Structure of Indian Public Debt; Issues in Debt Management.

MODULE-III: FISCAL POLICY
Objectives of Fiscal Policy; Anti-Inflation Economic Growth, Redistribution of Income and Wealth; Interdependence of Fiscal and Monetary Policies; Fiscal Policy and Stabilization; Automatic versus Discretionary Stabilization; Long Term Fiscal Policy.

MODULE-IV: FISCAL FEDERALISM
Principles of Multi-Unit Finance; Fiscal Federalism in India; Vertical and Horizontal Imbalance; Assignment of Function and Sources of Revenue; Constitutional Provisions; Finance Commission and Planning Commission; Devolution of Resources and Grants; Theory of Grants; Criteria for Transfer of Resources; Center - State Financial Relations in India; Problems of States’ Resources and Indebtedness; Transfer of Resources from Union and States of Local Bodies.

MODULE-V: BUDGETARY PROCESS IN INDIA
Classification of Budget and Budget Preparation; Budgetary Deficit – Concepts, Significance and Estimation; Deficit Financing – Methods and Implications; Government Accounting; Techniques of Budgetary Control; Alternative Measures of Resource Mobilization and Their Impact on Growth, Distribution and Prices; Balanced Budget Multiplier and Impact on Growth; Analysis of Current Budget; Demonetization.

READING LIST
EC-H-4.2: DEVELOPMENT ECONOMICS - II

OBJECTIVES:

1. To analyze social and institutional aspects of development.
2. To comprehend the sectoral aspects of development process.

MODULE-I: DEVELOPMENT FACILITATION
Factors Influencing Economic Growth; Capital, Labour, Physical And Human Resources; Sustainable Development; Population as Limits to Growth; Theory of Demographic Transition; Harris-Todaro Model Of Development.

MODULE-II: SECTORAL ASPECTS OF DEVELOPMENT
Agriculture and Economic Development; New Technology and Sustainable Agriculture; Globalization and Agriculture Growth; Agricultural Price Policy; Industry and Economic Development; the Choice of Technology and Employment; Terms of Trade between Agriculture and Industry, Infrastructure and Importance.

MODULE-III: MACRO POLICIES AND DEVELOPMENT
Need For Investment Criteria in Developing Countries – Present Versus Future; Alternative Investment Criteria; Cost-Benefit Analysis; Shadow Prices; Project Evaluation and UNIDO Guidelines; Role of Monetary and Fiscal Policies in Developing Countries; Domestic Financing of Development; Inflation and Growth; Deficit Financing; Foreign Direct Investment.

MODULE-IV: ENVIRONMENT AND DEVELOPMENT
A Basic Model of Environment and Development; Population, Poverty and Environment. Need and Measure of Environmental Preservation; Environmental Accounting, Global Efforts for Environmental Preservation; Environmental Problems and Policy in India.

MODULE-V: TRADE AND DEVELOPMENT
Trade as an Engine of Growth; Gains from Trade; Prebisch, Singer and Myrdal Thesis; Export-led Growth; WTO and Developing Countries

SUGGESTED READING
EC-H-4.3: INTERNATIONAL FINANCE

OBJECTIVES:

1. To assess the likely consequences on income, employment and social standards of expanding international trade.
2. To understand various aspects of balance of payments, exchange rate determination, foreign direct investment and international financial institutions.

MODULE-I: Foreign Exchange Rates and Markets
Foreign Exchange Rates; Fixed; Flexible, Nominal, Real And Effective Exchange Rate; Purchasing Power Parity Theory. Foreign Exchange Markets: Spot, Forward, Futures And Options, Currency Markets; Foreign Exchange Risk And Exposures; Accounting Exposure Versus Real Exposure; Operating Exposure, Hedging Risk And Exposure.

MODULE-II: Balance of Payments
Balance of Payments; Current Account Balance and Capital Account Balance; Relationship between Balance Of Payments and National Income Accounts. Approaches to Balance Of Payments Adjustments; Elasticity, Absorption, Monetary and Portfolio-Balance Approaches.

MODULE-III: WORLD TRADE ORGANIZATIONS
Brief History Of General Agreement On Trade And Tariff (GATT); Achievements Of GATT; Superiority Of World Trade Organization (WTO) Over GGATT; WTO; Functions, Objectives, Agreements, TRIPS, TRIMS; WTO And LDCs; India And WTO.

MODULE-IV: INTERNATIONAL FINANCIAL INSTITUTIONS

MODULE-V: FOREIGN DIRECT INVESTMENT
Capital Flows, Concept of FDI, Effects of FDI, Nature, Role and Operation of MNCs, Problems created by MNCs in the Home and Host Countries.

SUGGESTED READING:

EC-S-4.4: DISSERTATION

GUIDELINES FOR PROJECT WORK FOR M.A ECONOMICS PROGRAMME

Purpose:

The students are expected to undertake a project work as a part of their MA program during the IV Semester and submit a dissertation. It is an initiative to train the students in application of the ‘Economic Theory’ that they have learnt in the course of their degree and post-graduate study. It is also an attempt to bridge the gap between knowledge and application which enables students to gain insights and exposure to the live problems of the society. It serves the twin purposes of providing critical economic thinking on the part of the students, and the society is provided with graduates who can understand, analyze and provide policy advice on socio-economic issues.

Objectives:

The objectives of the project programme are to:

i. Train the students to apply theoretical concepts to real life situations and problems
ii. Sharpen the domain knowledge of students and improve their cross functional skills
iii. Enable students discover their professional strengths and weaknesses and prepare them to face the changing socio-economic and business environment;
iv. Prepare students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks;
v. Create awareness about research issues in Economics and enable them to carry out independent research.

General Guidelines:

A. Nature of project work: The student will have to identify a topic for the project work according to his/her interest, preferably in the area of his/her specialization, in consultation of the Guide. No two students of the department shall work on the same topic in the same organization. It is advisable to take up field based research in different sectors of the economy.

B. Duration of project work: The project work shall be for a period of 16 weeks of the IV Semester. Students, in consultation with their guides, should undertake the project work, which includes identifying and finalization of the topic, review of literature, collection and analysis of data and submission of the dissertation.

C. Guide: The guide for the project work shall necessarily be a full-time faculty member teaching to post-graduate students. The student is expected to be in continuous interaction with guide during the course of the project work and shall be wholly responsible for completion of the project work within time.

D. Schedule for the Project Work

<table>
<thead>
<tr>
<th>Activity</th>
<th>Time-line</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem Identification</td>
<td>First week</td>
<td>Student identifies problem for his/her study, in consultation with the guide.</td>
</tr>
<tr>
<td>Review of Literature/consultation</td>
<td>2nd to 4th week</td>
<td>Finalization of the problem with justification</td>
</tr>
<tr>
<td>Research design and Synopsis preparation</td>
<td>5th week</td>
<td>Finalization of the research design and preparation of synopsis incorporating the objectives, methodology and chapter scheme</td>
</tr>
<tr>
<td>Presentation of the Synopsis</td>
<td>6th week</td>
<td>The guide shall review and finalize the synopsis, which is a 3-5 pages hard copy document to be submitted to the Chairman with the signature of Guide and the Student.</td>
</tr>
<tr>
<td>Data collection and processing</td>
<td>7th to 9th</td>
<td>Data to be collected, edited, coded, tabulated and prepared</td>
</tr>
</tbody>
</table>
Data Analysis | 10th to 12th week | Students are expected to use appropriate statistical tools and techniques for analyzing the data.
--- | --- | ---
Finalization and Submission of dissertation | 12th to 16th week | Presenting the results in a standard format after due consultation with the guide.

### E. Dissertation and Submission:

**The dissertation shall be prepared using MS word** processor with Times New Roman font sized 12, on a page layout of A4 size with 1” margin on all three sides and 1.5” on the left, with double line spacing and printed only on one side of the paper. The dissertation shall be approximately of 100 pages, with about 75 pages of text material.

- The dissertation shall be submitted in a hard bound copy.
- Students shall also submit a soft copy of the dissertation [CD], preferably a PDF version.
- The dissertation shall be submitted to the Chairman and to the Co-ordinator of P.G.Programme or the Principal of the college where Master of Arts in Economics program is offered. Colleges in turn shall submit all the reports and CDs of their students along with a consolidated master list containing examination register number, name of the student, and title of the dissertation to Registrar (Evaluation) before the commencement of IV Semester theory examinations.

### F. Publication:

Students are expected to present their research findings in seminars/conferences/technical events/fests or publish their research work in journals in association with their guide with Akkamahadevi Women’s University affiliation tag. Appropriate weightage should be given to this in the evaluation of the dissertation.

### G) Evaluation:

- **Evaluation:** The dissertation shall be evaluated for 80 marks by an external examiner and viva-voce examination for 20 marks, which shall be conducted in respective centres. The guide is expected to evaluate the work of the student for 20 marks (internal assessment).
- **Viva-voce/Presentation:** A viva-voce examination will be conducted for 20 marks at the respective department/college/centre. Each student is expected to give a presentation of his/her work.
- The Chairman of the Department and an expert appointed by the University who should be at Professor or Associate Professor level faculty will conduct the viva-voce examination. The respective guides shall also be in the examination board. The Colleges/P.G.Centres shall make arrangements for such examination including the payment of TA, DA and Honorarium to outside examiners.

### G. MARKS ALLOCATION FOR DISSERTATION:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Aspects</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction and Methodology</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Profile of the study area/ Background</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>Theoretical Background of the Study</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>Research Design</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>Data Analysis and interpretation</td>
<td>20</td>
</tr>
<tr>
<td>6</td>
<td>Presentation of the findings</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>80</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Aspects</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Presentation and Communication Skills</td>
<td>03</td>
</tr>
<tr>
<td>2</td>
<td>Domain Knowledge</td>
<td>02</td>
</tr>
<tr>
<td>3</td>
<td>Research Design and application of quantitative tools</td>
<td>05</td>
</tr>
<tr>
<td>4</td>
<td>Results and suggestions</td>
<td>05</td>
</tr>
<tr>
<td>5</td>
<td>Presentations/Publications</td>
<td>05</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td></td>
</tr>
</tbody>
</table>
EC-S-4.5 : ECONOMICS OF INFRASTRUCTURE

OBJECTIVES:
1. To understand the role and performance of different sectors of the economy.
2. To enable the students to study about contributions of different sectors of the economy.

MODULE-I: INTRODUCTION TO SOCIAL SECTOR
Meaning of Social Sector; Importance Social Sector; Components of Social Sector; Education, Health, Nutrition and Food Security, Social Security; Drinking Water and Sanitation Programmes; Concept and Measurements of Human Development; Provision of Social Services by Public, Private and Other Agencies.

MODULE-II: ECONOMICS OF EDUCATION
Education and Economic Development, Education Strategies in India, Basic Concepts - GER, NFR, Dropout Rate, Formal and Non-Formal Education; Special Characteristics of Education; Implications for Economic Development; Role Of State; Education Productivity and Employment; Investment in Education; Costs and Benefit Analysis; Private and Social Rates Of Return; Human Capital and Signaling Theories Of Education.

MODULE-III: INDIAN EDUCATION SYSTEM
A Review Of Educational Development in India; Education Planning in India; Universalisation Of Education-Free And Compulsory Education Act-2010; Primary, Secondary, Vocational, Higher, Technical and Adult Education; Educational Policy in India; Expenditure On Education in India; Implications For Gender and Social Groups; Role Of Private Sector; Problems Of Indian Education System and Remedial Measures.

MODULE-IV: HEALTH ECONOMICS
Health Dimensions of Development; Concept of CBR, CDR, IMR, MMR, TFR, Sex Ratio; Nature of Health-care as Economic Commodity, Administration of Health Departments-State and Central Demand and Supply of Health Care facilities, PPP, Pricing and Financing Problems of Health care, System, Health Insurance as a Social Security, Functioning of Health Delivery System in Rural India, Health care Reforms in India; Inequalities in Health Delivery Systems in India; Health Policy in India- Major Health Programs in India.

MODULE-V: ECONOMIC INFRASTRUCTURE
Meaning, Introduction to Economic Infrastructure, Infrastructure and Economic Development, Infrastructure as a Public Good, Peak Load and Off Load Problem, Role of Government in Infrastructure Development, Development of Economic Infrastructure in India, Specific Sectors in Economic Infrastructure- Energy, Transportation, Communication, Banking and Irrigation; Commercialization of Infrastructure - Need, PPP, Specific Problems of Commercialization of Infrastructure.

SUGGESTED READINGS
EC-S-4.6: ECONOMICS OF INSURANCE

OBJECTIVES:

1. To help students to understand working of insurance sector.
2. To help students to get self employed.

MODULE-I: EVOLUTION, PRINCIPLES AND TYPES OF INSURANCE


MODULE-II: PREPARING FOR LIFE INSURANCE POLICIES

Preparing Life Insurance Policies; Conditions Relating to Commencement of Risk; Conditions of Premiums; Calculating Premiums; Lapse Condition; Claim Condition

MODULE-III: LIFE INSURANCE BENEFITS

Life Insurance for Underprivileged; Individual Life Insurance; Group Life Insurance; Disability Benefit Policies; Pension Plans.

MODULE-IV: NON-LIFE INSURANCE

Miscellaneous Insurance; Motor Vehicle Insurance; Fire Insurance; Burglary Insurance; Medical Insurance; Personal Accident Insurance; Collecting and Studying Various Documents from Life Insurance Companies; Calculation of Premiums of Hypothetical Persons.

MODULE-V: INSURANCE AND ECONOMIC DEVELOPMENT


SUGGESTED READINGS

4. Study course prepared by Insurance Institute of India, Mumbai.
5. *Tryst with LIC*, LIC of India, Mumbai.
OPEN ELECTIVE PAPER (FOURTH SEMESTER)

EC-O- 4.7: HUMAN RESOURCE MANAGEMENT (HRM)

OBJECTIVES:

3. To familiarize the students about basic concepts of HRM, Leadership and capacity building.
4. To enable the students to understand thoroughly the gender issues in leadership obstacles in Capacity building.

New Contents Should be Added
For continuation from third semester